MENUM SEARCH INDEX TAPANISTE

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PATENT ABSTRACTS OF JAPAN

(11)Publication number:

57-183256

(43)Date of publication of application: 11.11.1982

(51)Int.CI.

H02K 15/12

(21)Application number : 56-065157

(71)Applicant: TOSHIBA CORP

(22)Date of filing:

01.05.1981

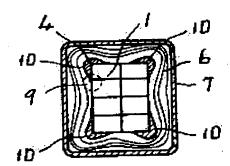
(72)Inventor: MORIZAKI HIDEO

(54) MANUFACTURE OF INSULATED COIL

(57)Abstract:

PURPOSE: To eliminate the production of an air gap in an insulating layer at the corners of a conductor by intimately contacting putty kneaded with mica powder via resin with the corners of the conductor, winding a mica take at the periphery, and then impregnating in vacuum the thermosetting resin.

CONSTITUTION: Mica powder is kneaded with resin to form putty 10 at the corners of a conductor 1, and the putty 10 is intimately contacted smoothly along the side surface of the conductor 1. A mica tape is wound on the periphery of the conductor 1 to form an insulating layer 6, thermosetting resin is then impregnated in vacuum and is thermally cured. In this manner, no air gap is produced between the conductor 1 and the layer 6, and its reliability can be enhanced even when it is used under water.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

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